

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014572.D
 Acq On : 11 Jan 2020 05:55
 Operator : JC/SP
 Sample : L1060-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jan 13 00:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

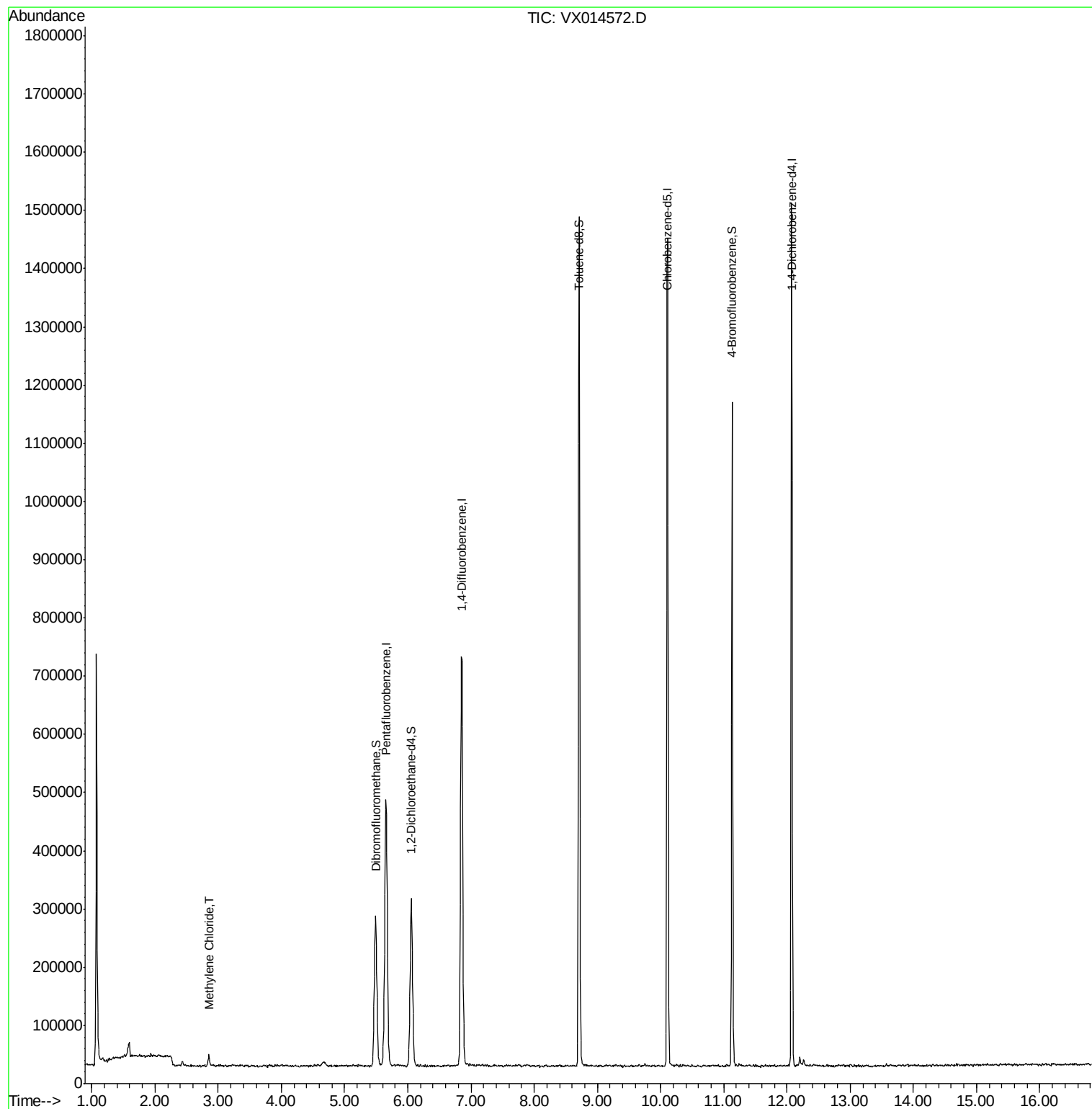
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	478131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	737975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	671119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	268101	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.49	113	222290	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	8.71	98	880553	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	299786	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
20) Methylene Chloride	2.85	84	8960	1.669	ug/l	Qvalue 94

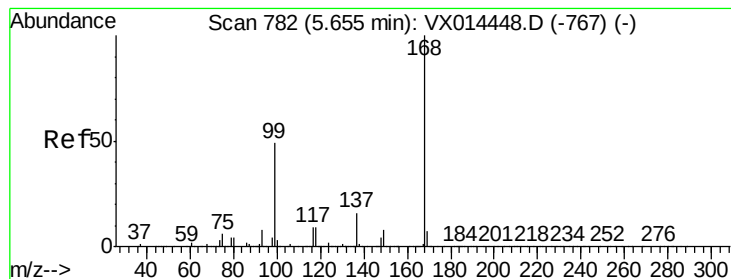
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Instrument :

MSVOA_X

ClientSampleId :

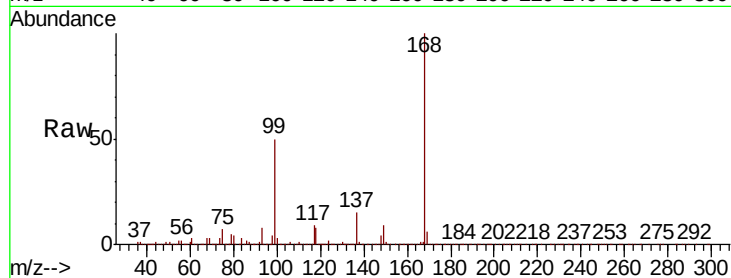
TP-2

Tot Ion:168 Resp: 478131

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

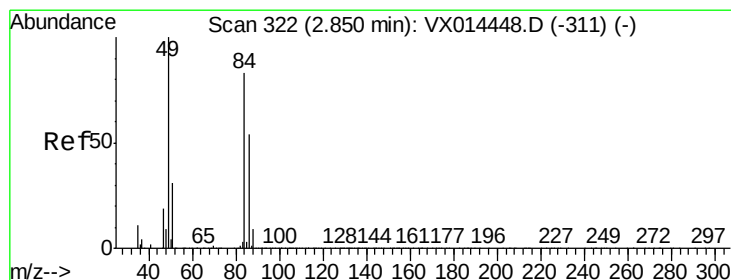
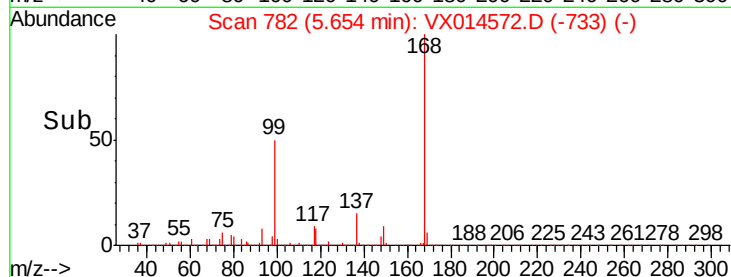
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.669 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Tgt Ion: 84 Resp: 8960

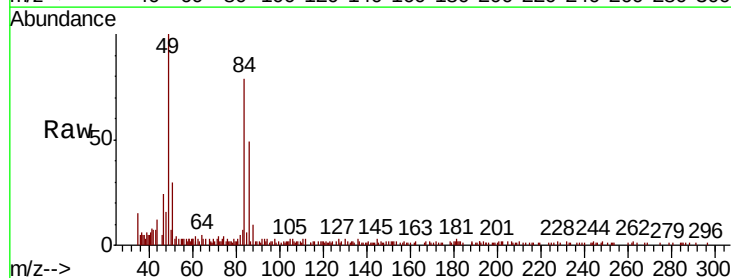
Ion Ratio Lower Upper

84 100

49 125.0 95.8 143.8

51 32.3 30.2 45.4

86 60.7 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

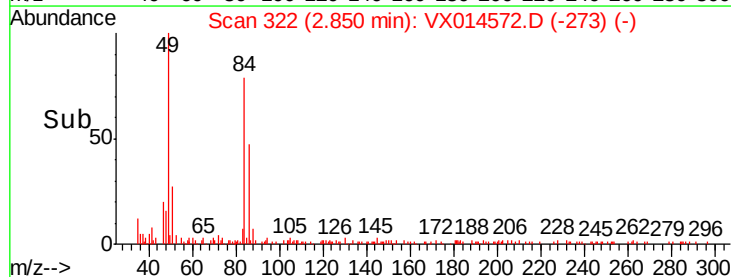
6000

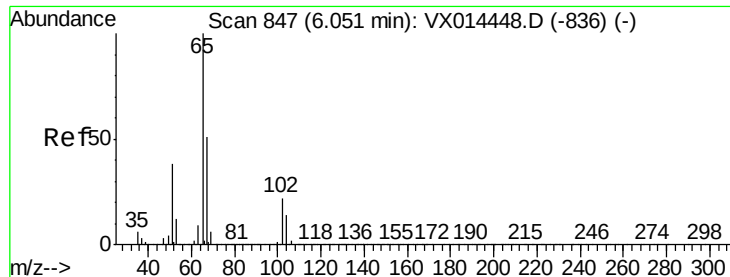
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Instrument :

MSVOA_X

ClientSampleId :

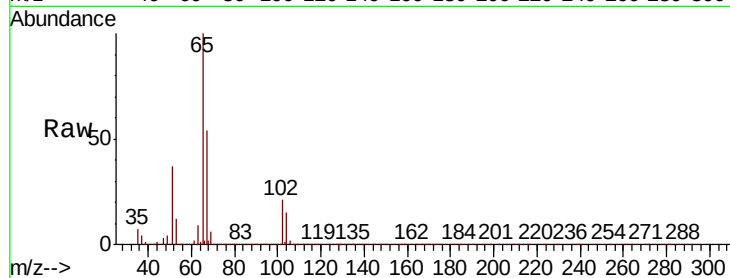
TP-2

Tot Ion: 65 Resp: 268101

Ion Ratio Lower Upper

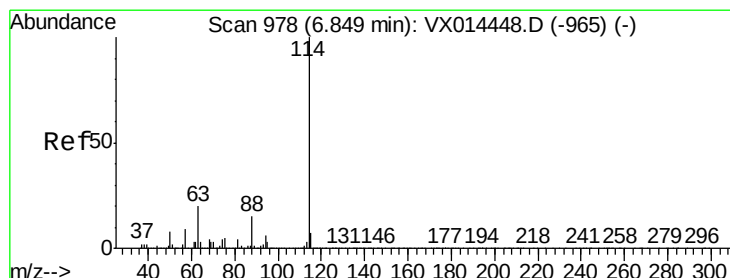
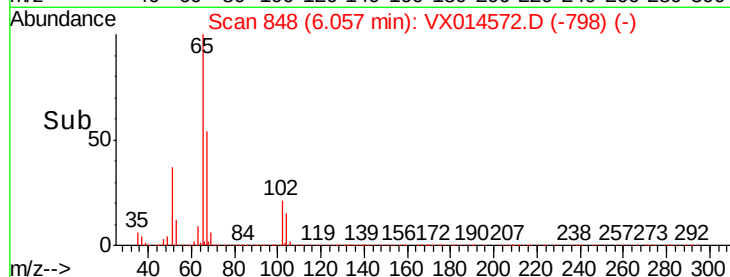
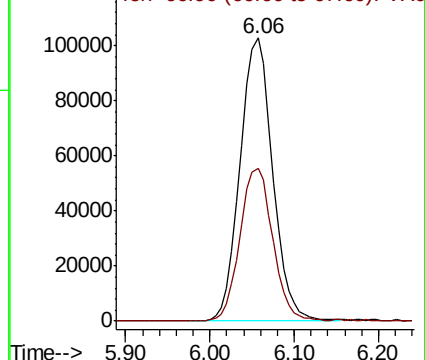
65 100

67 54.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

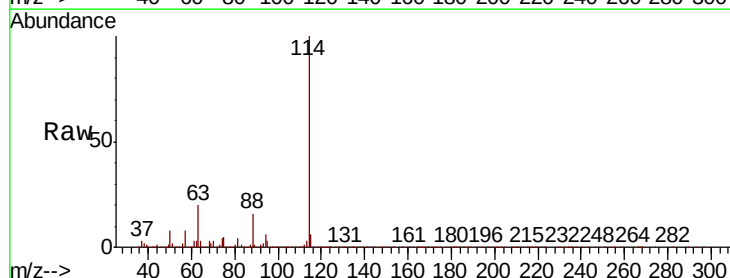
Tgt Ion: 114 Resp: 737975

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

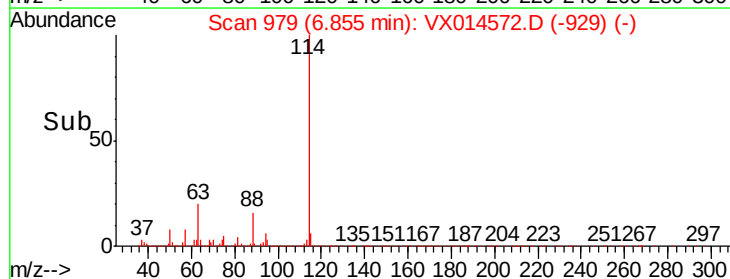
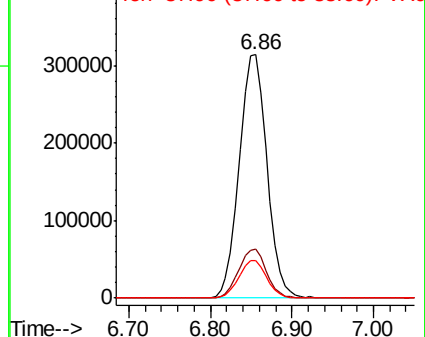
88 15.5 0.0 30.8

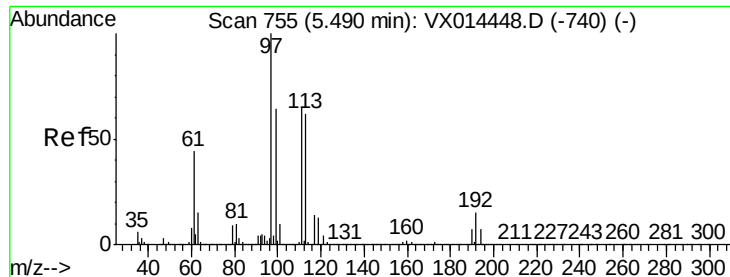


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.760 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Instrument :

MSVOA_X

ClientSampleId :

TP-2

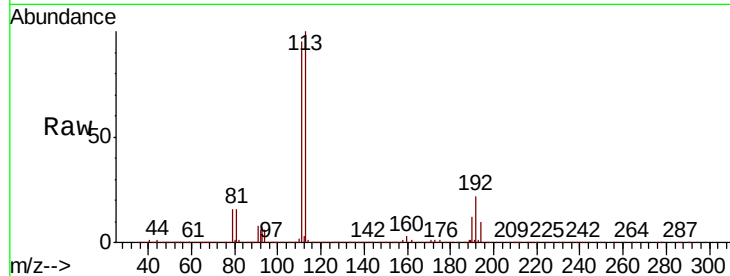
Tot Ion:113 Resp: 222290

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

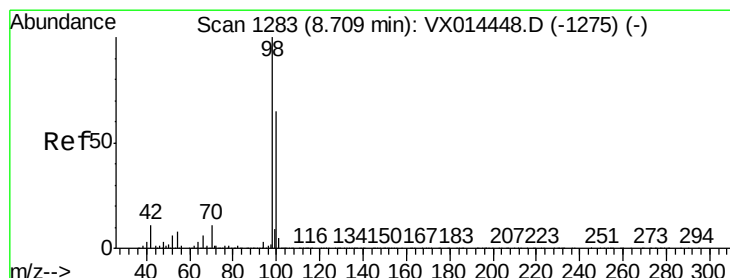
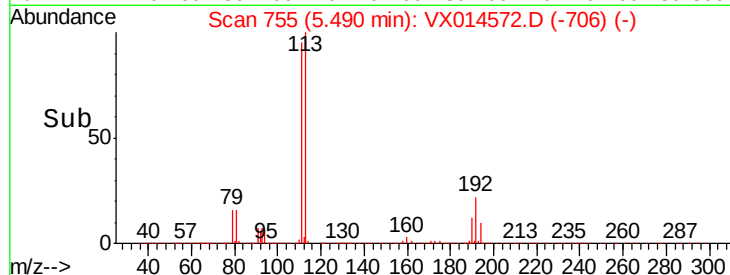
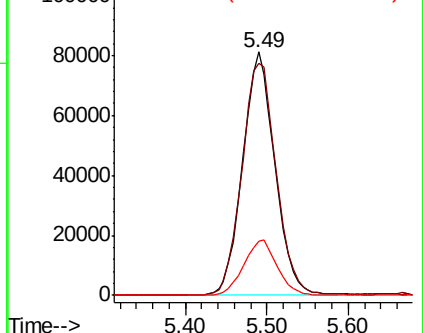
192 23.8 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.793 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014572.D

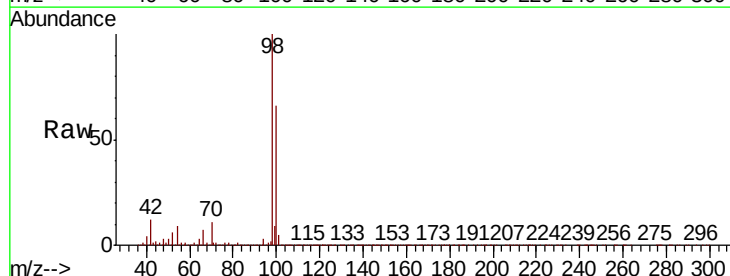
Acq: 11 Jan 2020 05:55

Tgt Ion: 98 Resp: 880553

Ion Ratio Lower Upper

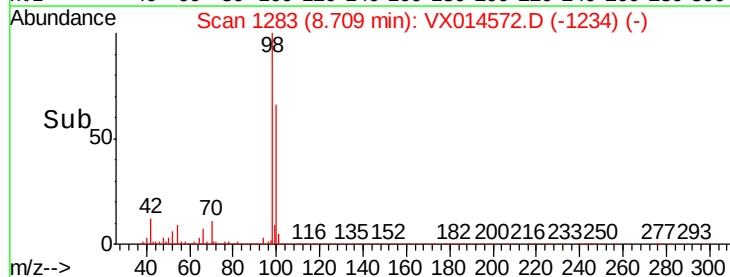
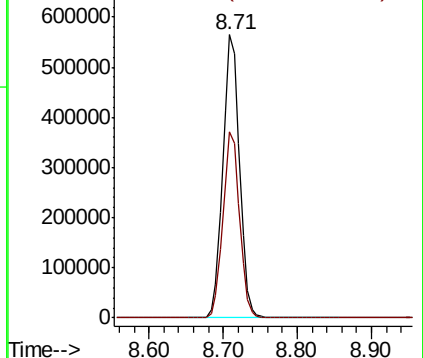
98 100

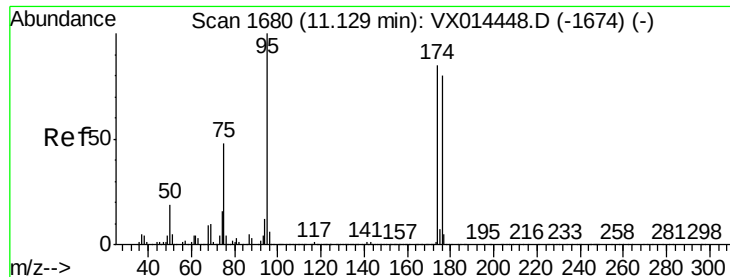
100 65.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.105 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Instrument :

MSVOA_X

ClientSampleId :

TP-2

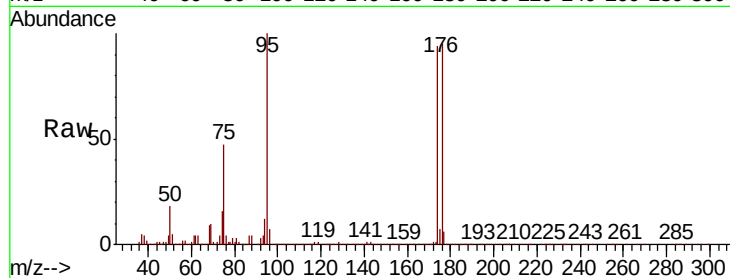
Tot Ion: 95 Resp: 299786

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.8

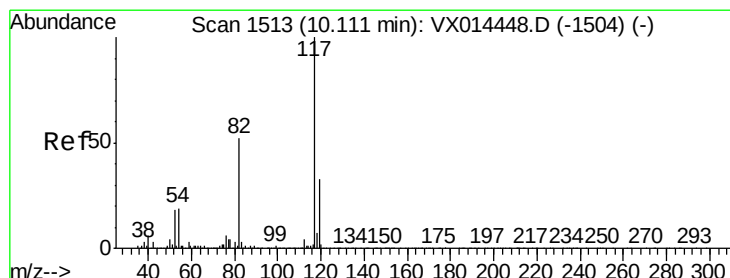
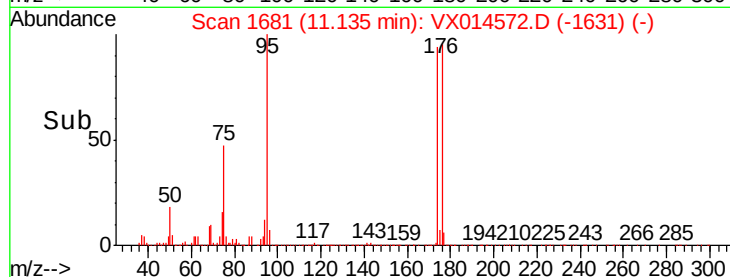
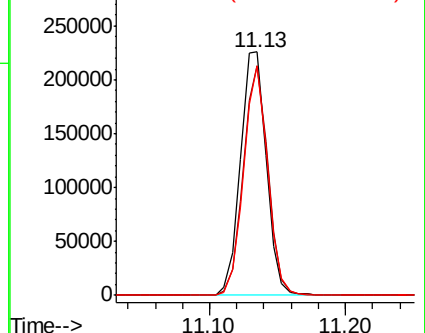
176 87.6 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

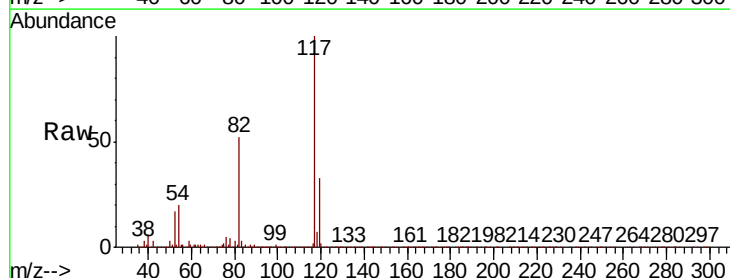
Tgt Ion: 117 Resp: 671119

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

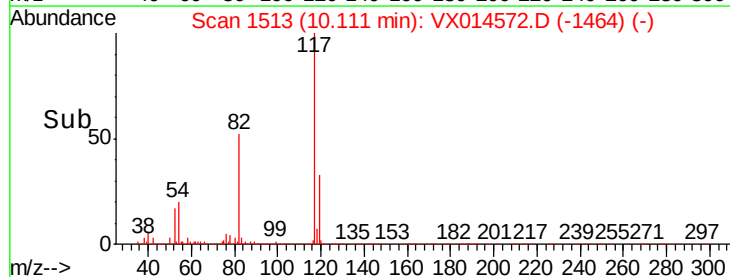
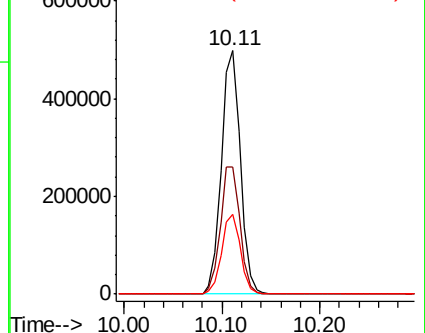
119 32.7 26.2 39.4

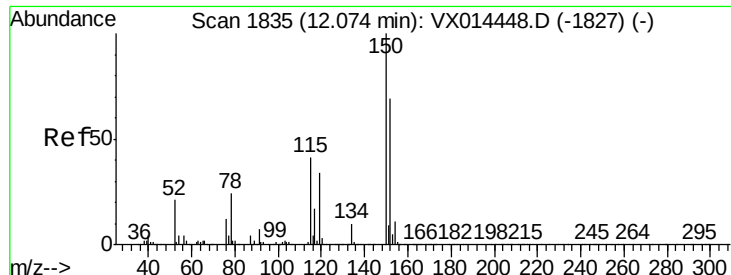


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014572.D

Acq: 11 Jan 2020 05:55

Instrument :

MSVOA_X

ClientSampleId :

TP-2

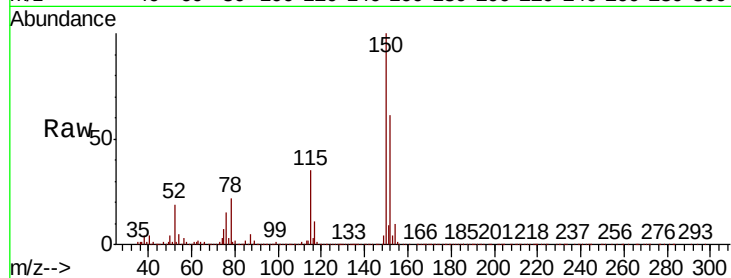
Tot Ion:152 Resp: 308475

Ion Ratio Lower Upper

152 100

115 56.2 39.5 118.3

150 157.0 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

